Claims

Claim 1. (Currently Amended) A method of indicating and manipulating a zoom region within a long data record comprising:

displaying the long data record as a displayed waveform;

in response to zoom data which defines a location and scale for the zoom region, displaying a zoom region indicator representing the zoom region with the displayed waveform, the zoom region indicator having a width and an <u>independent</u> associated marker which spans the width of the zoom region and has ~~at least~~ a ~~minimum~~ length ~~sufficient to enable a user to readily point to it in order to select and manipulate the zoom region~~ <u>equal to or greater than the width of the zoom region, the length being greater than the width of the zoom region when the width is less than a specified dimension</u>;

<u>simultaneously</u> displaying <u>with the displayed waveform</u> a portion of the displayed waveform defined by the zoom region as a zoomed waveform; and

manipulating the zoom region by moving the associated marker along the displayed waveform with a pointer device to display other portions of the displayed waveform as the zoomed waveform.

Claim 2. (Original) The method as recited in claim 1 wherein the zoomed waveform displaying step comprises displaying the zoomed waveform in a different color from one used to display the displayed waveform with the zoom region indicator also being displayed in the different color.

2